

## Flexible Line

Flexible Line features resistance to high-pressure, fire-resistance, heat-insulation and anti-flaming. It is in accordance with API Spec 16C. It is classified into two categories according to different purpose: One is Blowout Preventer (BOP) Hydraulic Control Line. Another is Flexible Choke Kill Line.

**BOP Hydraulic Control Line** is suitable for hydraulic transmission at high-temperature and flammable places in the metallurgic industry.

Product classification: High molecular polymer jacket type, stainless steel armored jacket type and braided stainless steel wire jacket type are available.

Thread type: NPT or LP.

Working time with fire-resisting at 750°C: Normal 5 min., Limit 25 min.



Nominal Inner Dia., Inch (mm)	OD of Hose Asseby, Inch (mm)	Working Pressure, Psi (MPa)	Min. Burst Pressure, Psi (MPa)	Min. Bending Radius, Inch (mm)
3/4 (19)	1-3/4 (44)	5000 (35)	15000 (105)	11 (280)
	2 (50)	10000 (70)	25000 (175)	
7/8 (22)	1-27/32 (47)	5000 (35)	15000 (105)	12-5/8 (320)
	2-3/32 (53)	10000 (70)	25000 (175)	
1 (25)	1-31/32 (50)	5000 (35)	15000 (105)	14 1-4 (360)
	2-13/64 (56)	10000 (70)	25000 (175)	
1-1/4 (31.5)	2-13/64 (56)	5000 (35)	15000 (105)	18-1/8 (460)
	2-7/16 (62)	10000 (70)	25000 (175)	
1-1/2 (38)	2-1/2 (63)	5000 (35)	15000 (105)	22-3/64 (560)
	2-23/32 (69)	10000 (70)	25000 (175)	

**Flexible Choke Kill Line** is applicable to connection at locations when drill platform, semi-submersible drilling vessel or drilling vessel moves relatively and the installation dimensions of the drilling rig changes, and to transport of oil, gas, mud and other high pressure media. The inner wall of Flexible Choke Kill Line is high abrasion resistance.



Flange connection type



Union connection type

Inner dia, in mm (in)	Rated operating pressure in MPa (psi)	Test pressure in MPa (psi)	Min. burst pressure in MPa (psi)	Min. bending radius (mm)
50.8(2)	35.0(5 000)	70.0(10 000)	105.0(15 000)	900
64(2 1/2)				1000
76.2(3)				1000
89(3 1/2)				1100
101.6(4)				1200
50.8(2)	70.0(10 000)	105.0(15 000)	157.5(22 500)	1000
63.5(2 1/2)				1100
76.2(3)				1150
89(3 1/2)				1200
101.6(4)				1250
50.8(2)	105.0(15 000)	157.5(22500)	236.25(33750)	1000
63.5(2 1/2)				1150
76.2(3)				1200
50.8(2)	138.0(20 000)	207.0 (30000)	310.0(45000)	900
64(2 1/2)				1100
76.2(3)				1200